

PROJECT / PROGRAM NEWS

NNSA's G2 Program Management Information System wins Excellence in Enterprise Information Award

Association for Enterprise Information (AFEI) award represents first such award for NNSA and DOE

17 February 2016 – Washington, DC, USA – The National Nuclear Security Administration (NNSA) has received the 2015 Association for Enterprise Information's (AFEI) Excellence in Enterprise Information Award for the agency's state-of-the-art program management information system, known as G2. An awards ceremony was held February 16, at which Dave Chesebrough, the president of AFEI, presented the award to NNSA leadership.



The G2 team and the 2015 Association for Enterprise Information's (AFEI) Excellence in Enterprise Information Award

NNSA's innovative system is designed to optimize investments of taxpayer funded infrastructure recapitalization, maintenance, and safety, and support nuclear nonproliferation activities in the most cost-effective manner. NNSA uses Agile IT development practices to deploy G2 enhancements every seven weeks. G2 has given NNSA the ability to analyze key data in a holistic manner on the scale of \$2 billion in annual investment decisions.

"The enterprise contribution is impressive," said James McConnell, Associate Administrator for the Office of Safety, Infrastructure & Operations. "From congressional leaders who set budgets to facility operators, NNSA's G2 system drives risk-based decisions at the enterprise level. Defensibility, traceability, and risk-based decision-making are now the norm at NNSA. We are proud to receive the AFEI excellence award."

The 900-plus current users of the system track 19,000 actions per month in scope, schedule, and financial data including geo-spatial information (maps, diagrams, photos, inventory and condition) with process automated change control, business rules and notifications. Mobile phone and tablet applications are used to complement on-line desk top services so that customers from NNSA Headquarters, Field Offices and DOE sites can have access to enterprise information in real-time 24/7.

G2 collects data used to manage infrastructure risks at NNSA sites, including information on the condition of infrastructure and the consequence of potential loss of assets to the NNSA mission. This information is used to perform network analysis to evaluate the interconnection of dependent assets and provide visualization for data-driven, risk-informed decision-making.



AFEI is a not-for-profit organization under the National Defense Industrial Association (NDIA). Formed in 1919, NDIA has over 50 chapters across the United States dedicated to connecting defense professionals from private industry, government, military, and first responders to share policy, logistics, acquisition, manufacturing, program management, and work force best practices. NDIA also publishes the magazine, the *National Defense*. AFEI is an affiliation of NDIA that specializes in issues associated with the generation, use, and protection of enterprise information. AFEI focuses on understanding the complex issues created by rapidly changing technology. Each year AFEI recognizes the contributions made by government and business organizations towards achieving greater efficiency and effectiveness in the application of technology to improve business and operational performance.

In 2010 the G2 project received the Distinguished Project Award from the Project Management Institute (PMI). PMI is the world's largest professional membership organization for project managers.

Established by Congress in 2000, NNSA is a semi-autonomous agency within the U.S. Department of Energy responsible for enhancing national security through the military application of nuclear science. NNSA maintains and enhances the safety, security, and effectiveness of the U.S. nuclear weapons stockpile without nuclear explosive testing; works to reduce the global danger from weapons of mass destruction; provides the U.S. Navy with safe and effective nuclear propulsion; and responds to nuclear and radiological emergencies in the U.S. and abroad. Visit www.nnsa.energy.gov for more information.

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Source: National Nuclear Security Administration